

Grade 2

Students demonstrate increasingly complex understanding of number sense.

Number and Operations in Base 10

- 1** Represent numbers up to 30 with sets of tens and ones using objects in columns or arrays. [EE.2.NBT.1](#)
- 2.a** Count from 1 to 30 (count with meaning; cardinality). [EE.2.NBT.2.A](#)
- 2.b** Name the next number in a sequence between 1 and 10. [EE.2.NBT.2.B](#)
- 3** Identify numerals 1 to 30. [EE.2.NBT.3](#)
- 4** Compare sets of objects and numbers using appropriate vocabulary (more, less, equal). [EE.2.NBT.4](#)
- 5.a** Identify the meaning of the “+” sign (i.e., combine, plus, add), “–” sign (i.e., separate, subtract, take), and the “=” sign (equal). [EE.2.NBT.5.A](#)
- 5.b** Using concrete examples, compose and decompose numbers up to 10 in more than one way. [EE.2.NBT.5.B](#)
- 6-7** Use objects, representations, and numbers (0–20) to add and subtract. [EE.2.NBT.6-7](#)

Students demonstrate increasingly complex spatial reasoning and understanding of geometric principles.

Geometry

- 1** Identify common two-dimensional shapes: square, circle, triangle, and rectangle. [EE.2.G.1](#)

Students demonstrate increasingly complex understanding of measurement, data and analytic procedures.

Using Measurement and Data

- 1** Measure the length of objects using non-standard units. [EE.2.MD.1](#)
- 3-4** Order by length using nonstandard units. [EE.2.MD.3-4](#)
- 5** Increase or decrease length by adding or subtracting unit(s). [EE.2.MD.5](#)
- 6** Use a number line to add one more unit of length. [EE.2.MD.6](#)
- 7** Identify on a digital clock the hour that matches a routine activity. [EE.2.MD.7](#)
- 8** Recognize that money has value. [EE.2.MD.8](#)
- 9-10** Create picture graphs from collected measurement data. [EE.2.MD.9-10](#)

Students solve increasingly complex mathematical problems,

Problem Solving

- 3** Equally distribute even numbers of objects between two groups. [EE.2.OA.3](#)

**making productive use
of algebra and
functions.**

- 4 Use addition to find the total number of objects arranged within equal groups up to a total of 10. **EE . 2 . 0A . 4**